## **AMENDED CLAIMS**

[received by the International Bureau on 20 May 2005 (20.05.2005); original claims 1-5 replaced by amended claims 1-8 (2 pages)]

- 1. A method of making epoxyorganoalkoxysilanes comprising reacting an olefin epoxide with an hydridoalkoxysilane in the presence of RhCl(di-tert-butylsulfide)<sub>2</sub> catalyst, the reaction being free of the presence of a stabilizing agent, the reaction being carried out at a temperature in the range of 70-75 °C, and the olefin epoxide being present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.
- 2. The method according to Claim 6 in which the olefin epoxide is a composition selected from the group consisting of limonene oxide, 4-vinylcyclohexene monoxide, allyl glycidyl ether, glycidyl acrylate, vinyl norborene monoxide, dicyclopentadiene monoxide, and 1-methyl-4-isopropenyl cyclohexene monoxide.
- 3. The method according to Claim 6 in which the hydridoalkoxysilane is a composition selected from the group consisting of trimethoxysilane HSi(OCH<sub>3</sub>)<sub>3</sub>, triethoxysilane HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>3</sub>, tri-n-propoxysilane HSi(OC<sub>3</sub>H<sub>7</sub>)<sub>3</sub>, tri-isopropoxysilane HSi[(OCH(CH<sub>3</sub>)<sub>2</sub>]<sub>3</sub>, methyldimethoxysilane (CH<sub>3</sub>)HSi(OCH<sub>3</sub>)<sub>2</sub>, methyldiethoxysilane (CH<sub>3</sub>)HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>2</sub>, dimethylmethoxysilane (CH<sub>3</sub>)<sub>2</sub>HSi(OCH<sub>3</sub>), dimethylethoxysilane (CH<sub>3</sub>)<sub>2</sub>HSi(OC<sub>2</sub>H<sub>5</sub>), and phenyldiethoxysilane (C<sub>6</sub>H<sub>5</sub>)HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>2</sub>.
  - 4. The method according to Claim 6 in which the olefin epoxide is 4-vinylcyclohexene monoxide and the hydridoalkoxysilane is trimethoxysilane HSi(OCH<sub>3</sub>)<sub>3</sub>.

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- 5. A method of making epoxyorganoalkoxysilanes comprising reacting an olefin epoxide with an hydridoalkoxysilane in the presence of RhCl(di-tert-butylsulfide)<sub>2</sub> catalyst, the reaction being free of the presence of a stabilizing agent, the reaction being carried out at a temperature in the range of 65-95 °C, and the olefin epoxide being present in the reaction in a molar excess of 5-25 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane; the olefin epoxide being selected from the group consisting of limonene oxide, 4-vinylcyclohexene monoxide, allyl glycidyl ether, glycidyl acrylate, vinyl norborene monoxide, dicyclopentadiene monoxide, and 1-methyl-4-isopropenyl cyclohexene monoxide.
- 6. The method according to Claim 10 in which the reaction temperature is in the range of 70-75 °C, and the olefin epoxide is present in the reaction in a molar excess of 10 percent over the stoichiometric amount necessary to react with the hydridoalkoxysilane.
- 7. The method according to Claim 10 in which the hydridoalkoxysilane is a composition selected from the group consisting of trimethoxysilane HSi(OCH<sub>3</sub>)<sub>3</sub>, triethoxysilane HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>3</sub>, tri-n-propoxysilane HSi(OC<sub>3</sub>H<sub>7</sub>)<sub>3</sub>, tri-isopropoxysilane HSi[(OCH(CH<sub>3</sub>)<sub>2</sub>]<sub>3</sub>, methyldimethoxysilane (CH<sub>3</sub>)HSi(OCH<sub>3</sub>)<sub>2</sub>, methyldiethoxysilane (CH<sub>3</sub>)HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>2</sub>, dimethylmethoxysilane (CH<sub>3</sub>)<sub>2</sub>HSi(OCH<sub>3</sub>), dimethylethoxysilane (CH<sub>3</sub>)<sub>2</sub>HSi(OC<sub>2</sub>H<sub>5</sub>), and phenyldiethoxysilane (C<sub>6</sub>H<sub>5</sub>)HSi(OC<sub>2</sub>H<sub>5</sub>)<sub>2</sub>.

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8. The method according to Claim 10 in which the olefin epoxide is 4-vinylcyclohexene monoxide and the hydridoalkoxysilane is trimethoxysilane HSi(OCH<sub>3</sub>)<sub>3</sub>.